



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **APPARATUS AND METHOD TO ENABLE TRANSPARENT MEMORY HOT PLUG/REMOVE.**

The specification of which was filed on December 29, 2003 as application serial no. 10/749929.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

No such claim for priority is being made at this time.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan	Reg. No. 39,996
Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	Reg. No. 42,989
Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
Arora, Suneel	Reg. No. 42,267	Houston, Bruce E.	Reg. No. 55,280	Peterson, David C.	Reg. No. 47,857
Bacon, Shireen	Reg. No. 40,494	Huter, Jeffrey B.	Reg. No. 41,086	Plimier, Michael D.	Reg. No. 43,004
Barre, Michael	Reg. No. 44,023	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Price, Lucinda G.	Reg. No. 42,270
Beale, Jay P.	Reg. No. 50,901	Jordan, B. D.	Reg. No. 43,698	Proksch, Michael A.	Reg. No. 43,021
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Billion, Richard E.	Reg. No. 32,836	Kalson, Seth	Reg. No. 40,670	Sayles, Crystal D.	Reg. No. 44,318
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Schumm, Sherry W.	Reg. No. 39,422
Bohanek, Robert	Reg. No. 52,627	Kluth, Daniel J.	Reg. No. 32,146	Schwegman, Micheal L.	Reg. No. 25,816
Brake, Edward	Reg. No. 37,784	Lacy, Rodney L.	Reg. No. 41,136	Scott, Russell	Reg. No. 43,103
Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
Burge, Ben	Reg. No. 42,372	Lin, Issac	Reg. No. 50,672	Seeley, Mark	Reg. No. 32,299
Chadwick, Robin A.	Reg. No. 36,477	Lundberg, Steven W.	Reg. No. 30,568	Shah, Ami P.	Reg. No. 42,143
Chen, George	Reg. No. 50,807	Maki, Peter C.	Reg. No. 42,832	Simon, David	Reg. No. 32,756
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Clark, Barbara J.	Reg. No. 38,107	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
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Drake, Eduardo E.	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
Embretson, Janet E.	Reg. No. 39,665	Nesheiwat, Michael J.	Reg. No. 47,819	Wells, Calvin	Reg. No. 43,256
Faatz, Cindy	Reg. No. 39,973	Newton, Ruth H.	Reg. No. 26,657	Whittington, Stuart	Reg. No. 45,215
Forrest, Bradley A.	Reg. No. 30,837	Nicholls, Dennis A.	Reg. No. 42,036	Willardson, Michael	Reg. No. 50,856
Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
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Green, Sharmini N.	Reg. No. 41,410	Parker, J. K.	Reg. No. 33,024	Yates, Steven D.	Reg. No. 42,242
Greenberg, Robert A.	Reg. No. 44,133	Peacock, Gregg A.	Reg. No. 45,001		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to **Schwegman, Lundberg, Woessner & Kluth, P.A.** at the address indicated below:
P.O. Box 2938, Minneapolis, MN 55402
Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1 : **Lily Pao Looi**
Citizenship: **United States of America**
Post Office Address: **15134 NW Mitchell Street**
Portland, OR 97229

Residence: **Portland, OR**

Signature: *Lily Pao Looi*
Lily Pao Looi

Date: 5/3/04

Full Name of joint inventor number 2 : **Stanley Steven Kulick**

Citizenship: **United States of America**

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Stanley Steven Kulick

Date: _____

Full Name of joint inventor number 3 : **Dean A Mulla**

Citizenship: **United States of America**

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Signature: _____
Dean A Mulla

Date: _____

Full Name of joint inventor number 4 : **Ashish Gupta**

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Signature: _____
Ashish Gupta

Date: _____

Full Name of joint inventor number 5 : **Keith R. Pflederer**

Citizenship: **United States of America**

Residence: **San Jose, CA**

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Signature: _____
Keith R. Pflederer

Date: _____

Full Name of joint inventor number 6 : **Shivnandan D. Kaushik**

Citizenship: **India**

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Portland, OR 97229

Signature: _____
Shivnandan D. Kaushik

Date: _____

Full Name of joint inventor number 7 : **Mohan J. Kumar**

Citizenship: **India**

Residence: **Aloha, OR**

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Signature: _____

Mohan J. Kumar

Date: _____

Full Name of joint inventor number 8 : **James B. Crossland**

Citizenship: **United States of America**

Residence: **Banks, OR**

Post Office Address: 16744 NW Davidson Rd.
Banks, OR 97106

Signature: _____

James B. Crossland

Date: _____

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

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Attorney Docket No.884.A82US1

SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application
COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

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No such claim for priority is being made at this time.

Attorney Docket No.: 884.A82US1
 Serial No. 10/749929
 Filing Date: December 29, 2003

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Page 2 of 5

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

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I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary.

Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402
 Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1 : Lily Pao Looi
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 Post Office Address: 15134 NW Mitchell Street
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Residence: Portland, OR

Signature: _____
Lily Pao Looi

Date: _____

Attorney Docket No.: 884.A82US1
Serial No. 10/749929
Filing Date: December 29, 2003

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Page 3 of 5

Full Name of joint inventor number 2 : Stanley Steven Kulick
Citizenship: United States of America Residence: Portland, OR
Post Office Address: 20385 NW Quail Hollow Drive
Portland, OR 97229

Signature: *Stanley Steven Kulick* Date: 6/1/2004
Stanley Steven Kulick

Full Name of joint inventor number 3 : Dean A Mulla
Citizenship: United States of America Residence: Saratoga, CA
Post Office Address: 18690 Westview Drive
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Signature: _____ Date: _____
Dean A Mulla

Full Name of joint inventor number 4 : Ashish Gupta
Citizenship: India Residence: San Jose, CA
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Signature: _____ Date: _____
Ashish Gupta

Full Name of joint inventor number 5 : Keith R. Pflederer
Citizenship: United States of America Residence: San Jose, CA
Post Office Address: 676 Dorothy Avenue
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Signature: _____ Date: _____
Keith R. Pflederer

Full Name of joint inventor number 6 : Shivnandan D. Kaushik
Citizenship: India Residence: Portland, OR
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Portland, OR 97229

Signature: _____ Date: _____
Shivnandan D. Kaushik

Attorney Docket No.: 884.A82US1
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Page 4 of 5

Full Name of joint inventor number 7 : Mohan J. Kumar

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Mohan J. Kumar

Date: _____

Full Name of joint inventor number 8 : James B. Crossland

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James B. Crossland

Date: _____

Attorney Docket No.: 884.A82US1
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Page 5 of 5

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
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(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **APPARATUS AND METHOD TO ENABLE TRANSPARENT MEMORY HOT PLUG/REMOVE.**

The specification of which was filed on December 29, 2003 as application serial no. 10/749929.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

No such claim for priority is being made at this time.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan	Reg. No. 39,996
Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	Reg. No. 42,989
Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
Arora, Suneel	Reg. No. 42,267	Houston, Bruce E.	Reg. No. 55,280	Peterson, David C.	Reg. No. 47,857
Bacon, Shireen	Reg. No. 40,494	Huter, Jeffrey B.	Reg. No. 41,086	Plimier, Michael D.	Reg. No. 43,004
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Beekman, Marvin L.	Reg. No. 38,377	Jurkovich, Patti J.	Reg. No. 44,813	Prout, William F.	Reg. No. 33,995
Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.	Reg. No. 37,650	Reif, Kevin A.	Reg. No. 36,381
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Bohanek, Robert	Reg. No. 52,627	Kluth, Daniel J.	Reg. No. 32,146	Schwegman, Micheal L.	Reg. No. 25,816
Brake, Edward	Reg. No. 37,784	Lacy, Rodney L.	Reg. No. 41,136	Scott, Russell	Reg. No. 43,103
Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
Burge, Ben	Reg. No. 42,372	Lin, Issac	Reg. No. 50,672	Seeley, Mark	Reg. No. 32,299
Chadwick, Robin A.	Reg. No. 36,477	Lundberg, Steven W.	Reg. No. 30,568	Shah, Ami P.	Reg. No. 42,143
Chen, George	Reg. No. 50,807	Maki, Peter C.	Reg. No. 42,832	Simon, David	Reg. No. 32,756
Choi, Glen	Reg. No. 43,546	Malen, Peter L.	Reg. No. 44,894	Skabrat, Steve	Reg. No. 36,279
Clark, Barbara J.	Reg. No. 38,107	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
Clise, Timothy B.	Reg. No. 40,957	Mates, Robert E.	Reg. No. 35,271	Steffey, Charles E.	Reg. No. 25,179
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Drake, Eduardo E.	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
Embretson, Janet E.	Reg. No. 39,665	Nesheiwat, Michael J.	Reg. No. 47,819	Wells, Calvin	Reg. No. 43,256
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Forrest, Bradley A.	Reg. No. 30,837	Nicholls, Dennis A.	Reg. No. 42,036	Willardson, Michael	Reg. No. 50,856
Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
Garrett, John R.	Reg. No. 27,888	Obermark, Thomas C.	Reg. No. 55,506	Wisor, Rita	Reg. No. 41,382
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Green, Sharmini N.	Reg. No. 41,410	Parker, J. K.	Reg. No. 33,024	Yates, Steven D.	Reg. No. 42,242
Greenberg, Robert A.	Reg. No. 44,133	Peacock, Gregg A.	Reg. No. 45,001		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to **Schwegman, Lundberg, Woessner & Kluth, P.A.** at the address indicated below:
P.O. Box 2938, Minneapolis, MN 55402
Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1 : **Lily Pao Looi**
Citizenship: **United States of America**
Post Office Address: **15134 NW Mitchell Street**
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Lily Pao Looi

Date: _____

Full Name of joint inventor number 2 : **Stanley Steven Kulick**
Citizenship: **United States of America**
Post Office Address: 20385 NW Quail Hollow Drive
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Stanley Steven Kulick

Date: _____

Full Name of joint inventor number 3 : **Dean A Mulla**
Citizenship: **United States of America**
Post Office Address: 18690 Westview Drive
Saratoga, CA 95070

Residence: **Saratoga, CA**

Signature: _____
Dean A Mulla

Date: _____

Full Name of joint inventor number 4 : **Ashish Gupta**
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Residence: **San Jose, CA**

Signature: _____
Ashish Gupta

Date: 5/27/2004

Full Name of joint inventor number 5 : **Keith R. Pflederer**
Citizenship: **United States of America**
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San Jose, CA 95125

Residence: **San Jose, CA**

Signature: _____
Keith R. Pflederer

Date: _____

Full Name of joint inventor number 6 : **Shivnandan D. Kaushik**
Citizenship: **India**
Post Office Address: 14161 NW Harbor Lane
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Shivnandan D. Kaushik

Date: _____

Full Name of joint inventor number 7 : **Mohan J. Kumar**

Citizenship: **India**

Residence: **Aloha, OR**

Post Office Address: 18680 SW Marko Lane
Aloha, OR 97007

Signature: _____
Mohan J. Kumar

Date: _____

Full Name of joint inventor number 8 : **James B. Crossland**

Citizenship: **United States of America**

Residence: **Banks, OR**

Post Office Address: 16744 NW Davidson Rd.
Banks, OR 97106

Signature: _____
James B. Crossland

Date: _____

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application
COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

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P.O. Box 2938, Minneapolis, MN 55402
Telephone No. (612)373-6900

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Full Name of joint inventor number 1 : **Lily Pao Looi**
Citizenship: **United States of America**
Post Office Address: **15134 NW Mitchell Street**
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____

Lily Pao Looi

Date: _____

Full Name of joint inventor number 2 : **Stanley Steven Kulick**
Citizenship: **United States of America**
Post Office Address: 20385 NW Quail Hollow Drive
Portland, OR 97229

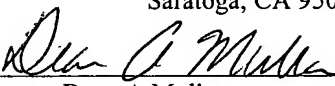
Residence: **Portland, OR**

Signature: _____
Stanley Steven Kulick

Date: _____

Full Name of joint inventor number 3 : **Dean A Mulla**
Citizenship: **United States of America**
Post Office Address: 18690 Westview Drive
Saratoga, CA 95070

Residence: **Saratoga, CA**

Signature: 
Dean A Mulla

Date: 5/27/04

Full Name of joint inventor number 4 : **Ashish Gupta**
Citizenship: **India**
Post Office Address: 5637 Ora Street
San Jose, CA 95129

Residence: **San Jose, CA**

Signature: _____
Ashish Gupta

Date: _____

Full Name of joint inventor number 5 : **Keith R. Pflederer**
Citizenship: **United States of America**
Post Office Address: 676 Dorothy Avenue
San Jose, CA 95125

Residence: **San Jose, CA**

Signature: _____
Keith R. Pflederer

Date: _____

Full Name of joint inventor number 6 : **Shivnandan D. Kaushik**
Citizenship: **India**
Post Office Address: 14161 NW Harbor Lane
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Shivnandan D. Kaushik

Date: _____

Full Name of joint inventor number 7 : **Mohan J. Kumar**

Citizenship: **India**

Residence: **Aloha, OR**

Post Office Address: 18680 SW Marko Lane
Aloha, OR 97007

Signature: _____

Mohan J. Kumar

Date: _____

Full Name of joint inventor number 8 : **James B. Crossland**

Citizenship: **United States of America**

Residence: **Banks, OR**

Post Office Address: 16744 NW Davidson Rd.
Banks, OR 97106

Signature: _____

James B. Crossland

Date: _____

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

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- (1) Each inventor named in the application;
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SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

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The specification of which was filed on December 29, 2003 as application serial no. 10/749929.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

No such claim for priority is being made at this time.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan	Reg. No. 39,996
Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	Reg. No. 42,989
Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
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Bohanek, Robert	Reg. No. 52,627	Kluth, Daniel J.	Reg. No. 32,146	Schwegman, Micheal L.	Reg. No. 25,816
Brake, Edward	Reg. No. 37,784	Lacy, Rodney L.	Reg. No. 41,136	Scott, Russell	Reg. No. 43,103
Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
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Chadwick, Robin A.	Reg. No. 36,477	Lundberg, Steven W.	Reg. No. 30,568	Shah, Ami P.	Reg. No. 42,143
Chen, George	Reg. No. 50,807	Maki, Peter C.	Reg. No. 42,832	Simon, David	Reg. No. 32,756
Choi, Glen	Reg. No. 43,546	Malen, Peter L.	Reg. No. 44,894	Skabrat, Steve	Reg. No. 36,279
Clark, Barbara J.	Reg. No. 38,107	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
Clise, Timothy B.	Reg. No. 40,957	Mates, Robert E.	Reg. No. 35,271	Steffey, Charles E.	Reg. No. 25,179
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Crawford, Ted A.	Reg. No. 50,610	Mehrle, Joseph P.	Reg. No. 45,535	Tang, Zhengnian	Reg. No. 55,666
Dahl, John M.	Reg. No. 44,639	Mennemeier, Larry	Reg. No. 51,003	Tong, Viet V.	Reg. No. 45,416
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Diehl, Robert	Reg. No. 40,992	Muller, Mark V.	Reg. No. 37,509	Travis, John F.	Reg. No. 43,203
Draeger, Jeffrey S.	Reg. No. 41,000	Nagy, Paul	Reg. No. 37,896	Tweet, Kerry D.	Reg. No. 45,959
Drake, Eduardo E.	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
Embretson, Janet E.	Reg. No. 39,665	Nesheiwat, Michael J.	Reg. No. 47,819	Wells, Calvin	Reg. No. 43,256
Faatz, Cindy	Reg. No. 39,973	Newton, Ruth H.	Reg. No. 26,657	Whittington, Stuart	Reg. No. 45,215
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Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
Garrett, John R.	Reg. No. 27,888	Obermark, Thomas C.	Reg. No. 55,506	Wisor, Rita	Reg. No. 41,382
Gorrie, Gregory J.	Reg. No. 36,530	Padys, Danny J.	Reg. No. 35,635	Woessner, Warren D.	Reg. No. 30,440
Greaves, John N.	Reg. No. 40,362	Parker, Lanny	Reg. No. 44,281	Wong, Sharon	Reg. No. 37,760
Green, Sharmini N.	Reg. No. 41,410	Parker, J. K.	Reg. No. 33,024	Yates, Steven D.	Reg. No. 42,242
Greenberg, Robert A.	Reg. No. 44,133	Peacock, Gregg A.	Reg. No. 45,001		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to **Schwegman, Lundberg, Woessner & Kluth, P.A.** at the address indicated below:
P.O. Box 2938, Minneapolis, MN 55402
Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1 : **Lily Pao Looi**
Citizenship: **United States of America**
Post Office Address: **15134 NW Mitchell Street**
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____

Date: _____

Lily Pao Looi

Full Name of joint inventor number 2 : **Stanley Steven Kulick**
Citizenship: **United States of America**
Post Office Address: 20385 NW Quail Hollow Drive
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Stanley Steven Kulick

Date: _____

Full Name of joint inventor number 3 : **Dean A Mulla**
Citizenship: **United States of America**
Post Office Address: 18690 Westview Drive
Saratoga, CA 95070

Residence: **Saratoga, CA**

Signature: _____
Dean A Mulla

Date: _____

Full Name of joint inventor number 4 : **Ashish Gupta**
Citizenship: **India**
Post Office Address: 5637 Ora Street
San Jose, CA 95129

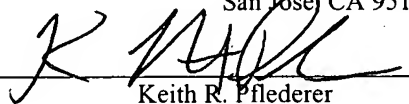
Residence: **San Jose, CA**

Signature: _____
Ashish Gupta

Date: _____

Full Name of joint inventor number 5 : **Keith R. Pflederer**
Citizenship: **United States of America**
Post Office Address: 676 Dorothy Avenue
San Jose, CA 95125

Residence: **San Jose, CA**

Signature:  _____
Keith R. Pflederer

Date: 5/27/2004

Full Name of joint inventor number 6 : **Shivnandan D. Kaushik**
Citizenship: **India**
Post Office Address: 14161 NW Harbor Lane
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Shivnandan D. Kaushik

Date: _____

Full Name of joint inventor number 7 : **Mohan J. Kumar**

Citizenship: **India**

Residence: **Aloha, OR**

Post Office Address: 18680 SW Marko Lane
Aloha, OR 97007

Signature: _____

Mohan J. Kumar

Date: _____

Full Name of joint inventor number 8 : **James B. Crossland**

Citizenship: **United States of America**

Residence: **Banks, OR**

Post Office Address: 16744 NW Davidson Rd.
Banks, OR 97106

Signature: _____

James B. Crossland

Date: _____

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **APPARATUS AND METHOD TO ENABLE TRANSPARENT MEMORY HOT PLUG/REMOVE.**

The specification of which was filed on December 29, 2003 as application serial no. 10/749929.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

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No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

No such claim for priority is being made at this time.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

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Anglin, J. Michael	Reg. No. 24,916	Hope, Libby	Reg. No. 46,774	Peret, Andrew R.	Reg. No. 41,246
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Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
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Garrett, John R.	Reg. No. 27,888	Obermark, Thomas C.	Reg. No. 55,506	Wisor, Rita	Reg. No. 41,382
Gorrie, Gregory J.	Reg. No. 36,530	Padys, Danny J.	Reg. No. 35,635	Woessner, Warren D.	Reg. No. 30,440
Greaves, John N.	Reg. No. 40,362	Parker, Lanny	Reg. No. 44,281	Wong, Sharon	Reg. No. 37,760
Green, Sharmini N.	Reg. No. 41,410	Parker, J. K.	Reg. No. 33,024	Yates, Steven D.	Reg. No. 42,242
Greenberg, Robert A.	Reg. No. 44,133	Peacock, Gregg A.	Reg. No. 45,001		

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P.O. Box 2938, Minneapolis, MN 55402
Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1 : **Lily Pao Looi**
Citizenship: **United States of America**
Post Office Address: **15134 NW Mitchell Street**
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Lily Pao Looi

Date: _____

Full Name of joint inventor number 2 : **Stanley Steven Kulick**
Citizenship: **United States of America**
Post Office Address: 20385 NW Quail Hollow Drive
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Stanley Steven Kulick

Date: _____

Full Name of joint inventor number 3 : **Dean A Mulla**
Citizenship: **United States of America**
Post Office Address: 18690 Westview Drive
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Residence: **Saratoga, CA**

Signature: _____
Dean A Mulla

Date: _____

Full Name of joint inventor number 4 : **Ashish Gupta**
Citizenship: **India**
Post Office Address: 5637 Ora Street
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Residence: **San Jose, CA**

Signature: _____
Ashish Gupta

Date: _____

Full Name of joint inventor number 5 : **Keith R. Pflederer**
Citizenship: **United States of America**
Post Office Address: 676 Dorothy Avenue
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Residence: **San Jose, CA**

Signature: _____
Keith R. Pflederer

Date: _____

Full Name of joint inventor number 6 : **Shivnandan D. Kaushik**
Citizenship: **India**
Post Office Address: 14161 NW Harbor Lane
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Shivnandan D. Kaushik

Date: 5/3/2009

Full Name of joint inventor number 7 : **Mohan J. Kumar**

Citizenship: **India**

Residence: **Aloha, OR**

Post Office Address: 18680 SW Marko Lane
Aloha, OR 97007

Signature: _____
Mohan J. Kumar

Date: _____

Full Name of joint inventor number 8 : **James B. Crossland**

Citizenship: **United States of America**

Residence: **Banks, OR**

Post Office Address: 16744 NW Davidson Rd.
Banks, OR 97106

Signature: _____
James B. Crossland

Date: _____

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

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- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **APPARATUS AND METHOD TO ENABLE TRANSPARENT MEMORY HOT PLUG/REMOVE.**

The specification of which was filed on December 29, 2003 as application serial no. 10/749929.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

No such claim for priority is being made at this time.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Aldous, Alan	Reg. No. 31,905	Greenwald, Bradley A.	Reg. No. 34,341	Pedersen-Giles, Alan	Reg. No. 39,996
Anderson, Robert D.	Reg. No. 33,826	Harris, Robert J.	Reg. No. 37,346	Perdok Shonka, Monique M.	Reg. No. 42,989
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Bohanek, Robert	Reg. No. 52,627	Kluth, Daniel J.	Reg. No. 32,146	Schwegman, Micheal L.	Reg. No. 25,816
Brake, Edward	Reg. No. 37,784	Lacy, Rodney L.	Reg. No. 41,136	Scott, Russell	Reg. No. 43,103
Brennan, Thomas F.	Reg. No. 35,075	Lam, Peter	Reg. No. 44,855	Seddon, Ken	Reg. No. 43,105
Burge, Ben	Reg. No. 42,372	Lin, Issac	Reg. No. 50,672	Seeley, Mark	Reg. No. 32,299
Chadwick, Robin A.	Reg. No. 36,477	Lundberg, Steven W.	Reg. No. 30,568	Shah, Ami P.	Reg. No. 42,143
Chen, George	Reg. No. 50,807	Maki, Peter C.	Reg. No. 42,832	Simon, David	Reg. No. 32,756
Choi, Glen	Reg. No. 43,546	Malen, Peter L.	Reg. No. 44,894	Skabrat, Steve	Reg. No. 36,279
Clark, Barbara J.	Reg. No. 38,107	Martinez, Anthony	Reg. No. 44,223	Speier, Gary J.	Reg. No. 45,458
Clise, Timothy B.	Reg. No. 40,957	Mates, Robert E.	Reg. No. 35,271	Steffey, Charles E.	Reg. No. 25,179
Cochran, David R.	Reg. No. 46,632	McCall, Molly	Reg. No. 46,126	Steiner, Paul E.	Reg. No. 41,326
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Dahl, John M.	Reg. No. 44,639	Mennemeier, Larry	Reg. No. 51,003	Tong, Viet V.	Reg. No. 45,416
DeLizio, Andrew	Reg. No. 52,806	Morris, Nicole N.	Reg. No. 55,467	Tran, David	Reg. No. 50,804
Diehl, Robert	Reg. No. 40,992	Muller, Mark V.	Reg. No. 37,509	Travis, John F.	Reg. No. 43,203
Draeger, Jeffrey S.	Reg. No. 41,000	Nagy, Paul	Reg. No. 37,896	Tweet, Kerry D.	Reg. No. 45,959
Drake, Eduardo E.	Reg. No. 40,594	Nelson, A. James	Reg. No. 28,650	Wawrzyn, Robert	Reg. No. 54,654
Embretson, Janet E.	Reg. No. 39,665	Nesheiwat, Michael J.	Reg. No. 47,819	Wells, Calvin	Reg. No. 43,256
Fautz, Cindy	Reg. No. 39,973	Newton, Ruth H.	Reg. No. 26,657	Whittington, Stuart	Reg. No. 45,215
Forrest, Bradley A.	Reg. No. 30,837	Nicholls, Dennis A.	Reg. No. 42,036	Willardson, Michael	Reg. No. 50,856
Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
Garrett, John R.	Reg. No. 27,888	Obermark, Thomas C.	Reg. No. 55,506	Wisor, Rita	Reg. No. 41,382
Gorrie, Gregory J.	Reg. No. 36,530	Padys, Danny J.	Reg. No. 35,635	Woessner, Warren D.	Reg. No. 30,440
Greaves, John N.	Reg. No. 40,362	Parker, Lanny	Reg. No. 44,281	Wong, Sharon	Reg. No. 37,760
Green, Sharmini N.	Reg. No. 41,410	Parker, J. K.	Reg. No. 33,024	Yates, Steven D.	Reg. No. 42,242
Greenberg, Robert A.	Reg. No. 44,133	Peacock, Gregg A.	Reg. No. 45,001		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to **Schwegman, Lundberg, Woessner & Kluth, P.A.** at the address indicated below:
P.O. Box 2938, Minneapolis, MN 55402
Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1 : **Lily Pao Looi**
Citizenship: **United States of America**
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Residence: **Portland, OR**

Signature: _____

Date: _____

Lily Pao Looi

Full Name of joint inventor number 2 : **Stanley Steven Kulick**
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Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Stanley Steven Kulick

Date: _____

Full Name of joint inventor number 3 : **Dean A Mulla**
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Residence: **Saratoga, CA**

Signature: _____
Dean A Mulla

Date: _____

Full Name of joint inventor number 4 : **Ashish Gupta**
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Residence: **San Jose, CA**

Signature: _____
Ashish Gupta

Date: _____

Full Name of joint inventor number 5 : **Keith R. Pflederer**
Citizenship: **United States of America**
Post Office Address: 676 Dorothy Avenue
San Jose, CA 95125

Residence: **San Jose, CA**

Signature: _____
Keith R. Pflederer

Date: _____

Full Name of joint inventor number 6 : **Shivnandan D. Kaushik**
Citizenship: **India**
Post Office Address: 14161 NW Harbor Lane
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Shivnandan D. Kaushik

Date: _____

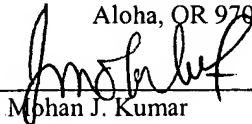
Full Name of joint inventor number 7 : **Mohan J. Kumar**

Citizenship: **India**

Residence: **Aloha, OR**

Post Office Address: 18680 SW Marko Lane
Aloha, OR 97007

Signature: _____


Mohan J. Kumar

Date: _____

5/12/04

Full Name of joint inventor number 8 : **James B. Crossland**

Citizenship: **United States of America**

Residence: **Banks, OR**

Post Office Address: 16744 NW Davidson Rd.
Banks, OR 97106

Signature: _____

James B. Crossland

Date: _____

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **APPARATUS AND METHOD TO ENABLE TRANSPARENT MEMORY HOT PLUG/REMOVE.**

The specification of which was filed on December 29, 2003 as application serial no. 10/749929.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

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Gagne, Christopher	Reg. No. 36,142	Nielsen, Walter W.	Reg. No. 25,539	Winkle, Robert G.	Reg. No. 37,474
Garrett, John R.	Reg. No. 27,888	Obermark, Thomas C.	Reg. No. 55,506	Wisor, Rita	Reg. No. 41,382
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Green, Sharmini N.	Reg. No. 41,410	Parker, J. K.	Reg. No. 33,024	Yates, Steven D.	Reg. No. 42,242
Greenberg, Robert A.	Reg. No. 44,133	Peacock, Gregg A.	Reg. No. 45,001		

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P.O. Box 2938, Minneapolis, MN 55402
Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1 : **Lily Pao Looi**
Citizenship: **United States of America**
Post Office Address: **15134 NW Mitchell Street**
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Lily Pao Looi

Date: _____

Full Name of joint inventor number 2 : **Stanley Steven Kulick**
Citizenship: **United States of America**
Post Office Address: 20385 NW Quail Hollow Drive
Portland, OR 97229

Residence: **Portland, OR**

Signature: _____
Stanley Steven Kulick

Date: _____

Full Name of joint inventor number 3 : **Dean A Mulla**
Citizenship: **United States of America**
Post Office Address: 18690 Westview Drive
Saratoga, CA 95070

Residence: **Saratoga, CA**

Signature: _____
Dean A Mulla

Date: _____

Full Name of joint inventor number 4 : **Ashish Gupta**
Citizenship: **India**
Post Office Address: 5637 Ora Street
San Jose, CA 95129

Residence: **San Jose, CA**

Signature: _____
Ashish Gupta

Date: _____

Full Name of joint inventor number 5 : **Keith R. Pflederer**
Citizenship: **United States of America**
Post Office Address: 676 Dorothy Avenue
San Jose, CA 95125

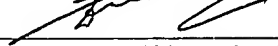
Residence: **San Jose, CA**

Signature: _____
Keith R. Pflederer

Date: _____

Full Name of joint inventor number 6 : **Shivnandan D. Kaushik**
Citizenship: **India**
Post Office Address: 14161 NW Harbor Lane
Portland, OR 97229

Residence: **Portland, OR**

Signature:  _____
Shivnandan D. Kaushik

Date: 5/3/2004

Full Name of joint inventor number 7 : **Mohan J. Kumar**

Citizenship: **India**

Residence: **Aloha, OR**

Post Office Address: 18680 SW Marko Lane
Aloha, OR 97007

Signature: _____

Mohan J. Kumar

Date: _____

Full Name of joint inventor number 8 : **James B. Crossland**

Citizenship: **United States of America**

Residence: **Banks, OR**

Post Office Address: 16744 NW Davidson Rd.
Banks, OR 97106

Signature:  _____

James B. Crossland

Date: May 3, 2004

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

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- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.